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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/608,208	06/30/2003	Jun Yoshida	500.42881X00	7656
20457	7590	10/10/2006	EXAMINER	
ANTONELLI, TERRY, STOUT & KRAUS, LLP 1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-3873			KANG, INSUN	
			ART UNIT	PAPER NUMBER
			2193	

DATE MAILED: 10/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/608,208

Applicant(s)

YOSHIDA ET AL.

Examiner

Insun Kang

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 9/30/2003, 8/18/2003, and 6/30/2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>6/30/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is responding to application papers dated 9/30/2003, 8/18/2003, and 6/30/2003.
2. Claims 1-8 are pending in the application.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-8 are rejected under 35 U.S.C. 102(e) as being anticipated by Stelting (US Pg. Pub. 2004/0030740).

Per claim 1:

Stelting discloses:

- making said computer read from a storage unit kinds of screens in a source of each work and in a destination of said work and setting of a display flow of said screens in work flow definition information indicating a flow among works, and store screen flow definition information into said storage unit in accordance with said read setting (i.e. 0026; 0027); in accordance with said screen flow definition information and work-to-service correspondence definition information stored in said storage unit in advance and

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indicating correspondence of each work to a program providing each service used in said work, creating an input/output screen for executing a program providing said service corresponding to each work; and outputting an execution result of said program providing said service using said input/output screen in accordance with said screen flow definition information and said work-to-service correspondence definition information (i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 2:

Stelting discloses:

setting kinds of screens in a source of each work and in a destination of said work and a display flow of said screens in work flow definition information indicating a flow among works, to thereby create screen flow definition information; in accordance with said screen flow definition information and work-to-service correspondence definition information indicating correspondence of each work to each service component (i.e. 0026; 0027); creating an input/output screen for executing said service component corresponding to each work; and calling said service component and outputting an execution result thereof using said input/output screen in an order following said screen flow definition information and in accordance with said work-to-service correspondence definition information (i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 3:

The rejection of claim 2 is incorporated, and further, Stelting teaches:

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reading each line of said work flow definition information, and adding each line to said screen flow definition information for each source work, said added line having an input screen of a source work, said source work and an output screen of said source work correspondingly to a source screen, a work and a destination screen respectively; adding a line having an output screen of a source work and a branch selection screen as said source screen and said destination screen respectively and a line having a branch selection screen and an input screen of said destination work as said source screen and said destination screen when a source work in a next line of said work flow definition information is the same as that in said current line; and adding a line having an output screen of a source work and an input screen of a destination screen as said source screen and said destination screen to thereby create said screen flow definition information when said source work in said next line of said work flow definition information is not the same as that in said current line(i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 4:

The rejection of claim 2 is incorporated, and further, Stelting teaches:

reading each line of said screen flow definition information; when said source screen is an input screen, adding names of input data and text fields thereof to said input screen in accordance with said work-to-service correspondence definition information; when there are a plurality of corresponding service components, adding a combo box and a button to said screen, said combo box being provided for selecting a service component

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name, said button being provided for executing a request; when said source screen is a branch selection screen, adding buttons to said screen, said buttons being provided for moving to said destination screen; and when said destination screen is an output screen, adding names of output data and text fields thereof to said output screen, adding text fields for displaying performance evaluation results or reliability evaluation results to said screen, and adding a button to said screen for moving to a next screen, in accordance with said work-to-service correspondence definition information(i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 5:

The rejection of claim 2 is incorporated, and further, Stelling teaches:

allowing a user to transmit a request including input data and a service name to a screen flow control portion through an input screen; making said screen flow control portion read a line from said screen flow definition information correspondingly to said input screen from which said request is transmitted, judge whether there is a work in said line or not, and call a service calling portion when there is a work; receiving said request, making said service calling portion call a service component, and storing an execution result of said service component into a shared data storage portion; and making said screen flow control portion call a destination screen from said screen flow definition information, embed information including said execution result into said destination screen, and display said destination screen to said user(i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 6:

The rejection of claim 2 is incorporated, and further, Stelling teaches:

said service component is called through a network (i.e. 0026).

Per claim 71:

Stelling discloses:

means for receiving work flow definition information indicating a flow among works, and creating screen flow definition information; means for receiving said screen flow definition information and work-to-service correspondence definition information indicating correspondence of said works to said service components(i.e. 0026; 0027; 0029; Fig 6; 0034) , and creating an input/output screen for executing a service component corresponding to each work; and means for verifying a combination of said service components by use of said work-to-service correspondence definition information, said created screen flow definition information and said input/output screen(i.e. 0026; 0027; 0029; Fig 6; 0034).

Per claim 8, it is the computer-readable storage medium version of claim 1, respectively, and is rejected for the same reasons set forth in connection with the rejection of claim 1 above.

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5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Insun Kang whose telephone number is 571-272-3724.

The examiner can normally be reached on M-R 6:30-5 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kakali Chaki can be reached on 571-272-3719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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